LHCb Planning LS2

SciFi
Distribution:
- Vaisala: decide if install flowmeter Omron/Bronkhorst → TS 2022

Software
- alarm threshold final settings when sys cooled

RICH2
maintenance → done → to update all files
start of Run in CF4 → filling to complete week 10/11

Recuperation
- IR CO2 test small pump for recycling gas + calibration with 100% CF4 (zero) → in error, debug with Emerson ongoing w6/7 → sent to emerson

Distribution:
- backup N2 pipe pneumatic valve - to redo for on/off valve (now always open) (low priority) → ask LHCb if can do on their side

RICH1
maintenance → nothing done

- filling CO2 week10
- filling C4F10 start 21 March

Distribution
- when connected, CO2 flush for leak search on our rack
- once filled done, check backup in cavern (when C4F10, not last minute) +Abdel connectors our side 2 + 1 their side

Software
- new software to test with system on (I/O test done) when system ON
- DIP PT x3, 1=same ours, 1=below side A, 1=high side B → if published, we can read it and but Winccoa (low priority)

- scale for recuperation → Mara, to ask offers

MWPC
maintenance → done → to update all files

Mixer:
- test mixer stability with CF4 mix: continuous GC analysis → MCA

Exhaust:
- MFC PID not ideal, oscillates a lot: to test and fine tune
Pump:
- DPT capillary pipe to install (sys stop) → TS 2022

Analysis April/May
- soupapes analysis x2
- sample lines manifolds to change (leaks) > material OK
- check leak line calibration panel to electrovalves manifold > material OK
- check O2/H2O analyzers and calibration

PGS
- Line10/CO2: temperature sensor 1018 in Error → does not exist, to install
- Line 13/ArCal
  → Flammable Gas Interlock is forced ON → Michal?
  → possible leak (cons. when not in regeneration) → check if on our side

GC
- R3000 repaired → install week 10
- restore automatic analysis + results output
- redo results publication webpage+DIP